

Hassan Lyamani

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

902
citations

516561

16
h-index

580701

25
g-index

45
all docs

45
docs citations

45
times ranked

1400
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the relative humidity dependence of aerosol light-scattering in southern Spain. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 66, 24536.	0.8	43
2	Study of mineral dust entrainment in the planetary boundary layer by lidar depolarisation technique. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 26180.	0.8	34
3	Activation properties of aerosol particles as cloud condensation nuclei at urban and high-altitude remote sites in southern Europe. <i>Science of the Total Environment</i> , 2021, 762, 143100.	3.9	14
4	Overview of the SLOPE I and II campaigns: aerosol properties retrieved with lidar and sun-“sky photometer measurements. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9269-9287.	1.9	12
5	Seasonality of the particle number concentration and size distribution: a global analysis retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17185-17223.	1.9	31
6	Evaluation of LIRIC Algorithm Performance Using Independent Sun-Sky Photometer Data at Two Altitude Levels. <i>Remote Sensing</i> , 2020, 12, 842.	1.8	1
7	Study of the planetary boundary layer height in an urban environment using a combination of microwave radiometer and ceilometer. <i>Atmospheric Research</i> , 2020, 240, 104932.	1.8	36
8	New particle formation at urban and high-altitude remote sites in the south-eastern Iberian Peninsula. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14253-14271.	1.9	22
9	Multidecadal trend analysis of in situ aerosol radiative properties around the world. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8867-8908.	1.9	58
10	Different strategies to retrieve aerosol properties at night-time with the GRASP algorithm. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14149-14171.	1.9	29
11	Precipitable water vapor over oceans from the Maritime Aerosol Network: Evaluation of global models and satellite products under clear sky conditions. <i>Atmospheric Research</i> , 2019, 215, 294-304.	1.8	10
12	“European aerosol phenomenology “ 6: scattering properties of atmospheric aerosol particles from 28 ACTRIS sites. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7877-7911.	1.9	76
13	Origin and pathways of the mineral dust transport to two Spanish EARLINET sites: Effect on the observed columnar and range-resolved dust optical properties. <i>Atmospheric Research</i> , 2017, 187, 69-83.	1.8	15
14	Comparative assessment of GRASP algorithm for a dust event over Granada (Spain) during ChArMEx-ADRIMED 2013 campaign. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 4439-4457.	1.2	46
15	A comparative study of aerosol microphysical properties retrieved from ground-based remote sensing and aircraft in situ measurements during a Saharan dust event. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1113-1133.	1.2	36
16	Aerosol properties over the western Mediterranean basin: temporal and spatial variability. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2473-2486.	1.9	26
17	Intercomparisons of Mobility Size Spectrometers and Condensation Particle Counters in the Frame of the Spanish Atmospheric Observational Aerosol Network. <i>Aerosol Science and Technology</i> , 2015, 49, 777-785.	1.5	21
18	Hygroscopic growth of atmospheric aerosol particles based on active remote sensing and radiosounding measurements: selected cases in southeastern Spain. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 705-718.	1.2	50

#	ARTICLE	IF	CITATIONS
19	Determination and analysis of in situ spectral aerosol optical properties by a multi-instrumental approach. Atmospheric Measurement Techniques, 2014, 7, 2373-2387.	1.2	59
20	Evaluation of AERONET precipitable water vapor versus microwave radiometry, GPS, and radiosondes at ARM sites. Journal of Geophysical Research D: Atmospheres, 2014, 119, 9596-9613.	1.2	100
21	Aerosol light-scattering enhancement due to water uptake during the TCAP campaign. Atmospheric Chemistry and Physics, 2014, 14, 7031-7043.	1.9	61
22	Investigation of fine and coarse aerosol contributions to the total aerosol light scattering: Shape effects and concentration profiling by Raman lidar measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2012, 113, 2593-2600.	1.1	5
23	Relationships between spectroscopic properties of high-altitude organic aerosols and Sun photometry from ground-based remote sensing. Journal of Geophysical Research, 2010, 115, .	3.3	27
24	Infrared lidar overlap function: an experimental determination. Optics Express, 2010, 18, 20350.	1.7	51
25	Correction factors for a total scatter/backscatter nephelometer. Journal of Quantitative Spectroscopy and Radiative Transfer, 2008, 109, 1496-1503.	1.1	15
26	Characterization of the atmospheric aerosol by combination of lidar and sun-photometry. , 2007, , .		7